This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

Under the Paperwork Reduction Act of 1995, no persons are required to	U.S. Patent and Trade	PTO/SB/05 (08-0: croved for use through 07/31/2006. OMB 0651-003 mark Office. U.S. DEPARTMENT OF COMMERC ation unless it displays a valid OMB control numbe	12 E
UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.	20496-427	
	First Inventor	Siegfried BAGUSCHE P.	_
	Title	Divided Deep-Rolling Roller Head	7
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	ET 346 985 256 US	₹

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commission P.O. Box 14	Patent Application		
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 14] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	ii. Paper	dix) Sequence Submission Form (CRF) Ince Listing on: D-R (2 copies); or		
4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Sheets]	9. Assignment Papers (cov 10. 37 CFR 3.73(b) Stateme (when there is an assign 11. English Translation Docu	nt Power of ee) Attorney		
a. Newly executed (original or copy)	12. Information Disclosure Statement (IDS)/PTO-14	Copies of IDS Citations		
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	13. Preliminary Amendment 14. Return Receipt Postcard (Should be specifically it	I (MPEP 503)		
 i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 	15. Certified Copy of Priority (if foreign priority is clain 16. Nonpublication Request (b)(2)(B)(i). Applicant me	Document(s)		
6. Application Data Sheet. See 37 CFR 1.76				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:				
Continuation Divisional Continuation-in-part (CIP) of prior application No.:				
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
19. CORRESPON	DENCE ADDRESS			
Customer Number: 21890	OR Corre	spondence address below		
Name				
Address				
City	State	Zip Code Fax		
Country	elephone (Amanau (Amanau (Amana))			
Name (Print/Type) Alexander Migirov, Patent Agent	Registration No. (Attorney/Agent)	53,326 Date Moreh 18, 2004		
Signature Mexand Mucrow		Date March 18, 2004		

This collection of information is required by 37 CFW 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DN OT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

EE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Signature

Complete if Known		
Application Number		
Filing Date		
First Named Inventor	Siegfried BAGUSCHE	
Examiner Name		
Art Unit		
Attorney Docket No.	20496-427	

Date

March 18, 2004

TOTAL AMOUNT OF PAYMENT (\$) 770.00	Attorney Docket No. 20496-427		
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)		
Check Credit card Money Other None	3. ADDITIONAL FEES		
Deposit Account:	Large Entity Small Entity		
Denosit	Fee Fee Fee Fee Description Code (\$) Fee Paid		
Account Number	1051 130 2051 65 Surcharge - late filing fee or oath		
Deposit Account Proskauer Rose LLP	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet		
Name The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification		
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month		
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month		
Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month		
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month		
1001 770 2001 385 Utiliby filing foo	1255 2,010 2255 1,005 Extension for reply within fifth month		
1001 770 2001 363 Ottling file 770.00 1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional		
Fee from	1501 1,330 2501 665 Utility issue ree (or reissue)		
Extra Claims below Fee Paid Total Claims 7 -20** = 0 X	· · · · · · · · · · · · · · · · ·		
Independent 2 211 - 0 V	1503 640 2503 320 Plant issue fee		
Claims 2 -3 = 0 ^	1460 130 1460 130 Petitions to the Commissioner		
Large Entity Small Entity	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)		
Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per		
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	property (times number of properties)		
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be		
1204 86 2204 43 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE)		
	1802 900 1802 900 Request for expedited examination		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	of a design application		
SUBTOTAL (2) (\$)	Other fee (specify)		
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)		
SUBMITTED BY (Complete (if applicable))			
Name (Print/Type) Alexander Migirov, Patent Agent	Registration No. (Attorney/Agent) 53,326 Telephone 212.969.3000		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.